

## **CCS-SS7 SIGNALING CONNECTIONS - ACCESS LINKS (continued)**

### **Access Order Requirements (continued)**

#### **Subsequent Ordering of Signaling Services**

When a signaling service is requested subsequent to the installation of a Link trunk group, the following ASR requirements apply:

ASR ACT Field = "C"  
TSC Must be Populated  
All Other Pertinent Fields

The Data Base Services Form must be attached with the appropriate option ordered along with the required specifications:

- |             |  |
|-------------|--|
| 800 SCP     | Complete the applicable fields in accordance with the Access Service Ordering Guide. |
| LIDB        | Complete the applicable fields in accordance with the Access Service Ordering Guide. |
| Call Set-Up | Complete the applicable fields in accordance with the Access Service Ordering Guide. |

#### **Intervals**

With the exception of augmenting of trunk groups, all activities for signaling connections are processed on an Individual Case Basis (ICB).

Refer to the Access Service Ordering Guide (ASOG) for additional required field descriptions and usage rules.

## **CCS-SS7 SIGNALING CONNECTIONS - ACCESS LINKS (continued)**

### **Service Specific Billing**

#### **CCS7 Signaling Transport Service**

A monthly and non-recurring charge is billed for each 56 kbps facility.

$$\text{USOC} = \text{TPP}++$$

A per Port STP charge is billed a monthly rate.

$$\text{USOC} = \text{PT8SX}$$

A CCS7 Signaling Usage charge (per 56 kbps facility) is billed a monthly rate.

Refer to Section E6.8.1 for specific rate information.

Refer to the LIDB and 800 Access Ten Digit Screening Service for descriptions, application, and billing information.

## **CCS-SS7 SIGNALING CONNECTIONS - ACCESS LINKS (continued)**

### **THIRD PARTY LINK/HUB PROVIDERS**

The CLEC may order unbundled signaling for Call set-up and other purposes. The CLEC is not required to purchase Links, but may use the Links of a Third Party or Hub Provider.

To determine the CLECs preference the LCSC will:

- Analyze the CLECs contract and determine if the CLEC is ordering or using another providers Link.

If links are being ordered, process and issue the service order in accordance with existing requirements.

If the contract indicates that a Hub Provider or Third Party Link Provider (3PLP) is being used, the LCSC will:

- Verify if "CMC" trunks are ALSO being ordered
- Issue service order to add the Signaling USOC (STU56) to CMC account using the following logic
- IF "A" LINKS ADD A QUANTITY OF (2 ) STU56 TO FGD ACCOUNT.
- IF "B" LINKS, ADD A QUANTITY OF(4 ) STU56 TO FGD ACCOUNT.

#### **BST'S PRACTICE:**

BellSouth will accept the ASR from the Hub Provider or 3PLP only if an Agency Authorization is submitted, and ASRs are complete and accurate.

BST will not divulge "Proprietary" information on a Hub Provider's network to another party for the purpose of provisioning the Hub Providers Link network

## **CCS-SS7 SIGNALING CONNECTIONS - ACCESS LINKS (continued)**

### **THIRD PARTY LINK/HUB PROVIDERS**

#### **Access Service Request (ASR) Ordering Requirements - Call Set-Up**

Customer negotiations are the sole business of the CLEC and the Hub Provider.  
Once negotiations are completed the following process will be implemented:

- ASR submitted by HUB Provider or CLEC (BST practice will be administered).
- ASR must be accurate and complete
  - The DataBase Services Interconnection Form must be attached, accurate and complete
  - TSC for HUB Provider Links
  - STP Point Codes provided in the Service Detail Section of the Database form
  - STP CLLI Codes in the Remarks section of the ASR
  - Switch CLLI of the Tandem or End Office for SS7 trunk group
  - TSC of the SS7 trunk group



## **Calling Name Query Service (Database Owner) CLEC Information Package**

### **1. Service Description**

**A. Basic Service features:** This service provides a method for companies selling Calling Name Delivery (using the technology defined in Bellcore Technical Reference 1188) to query, in response to an incoming call to a CNAM customer, the names of BellSouth customers. Also included is the ability to query, in response to an incoming call to a CNAM customer, for all other names stored in the BellSouth (BST) Calling Name Database under contracts BellSouth may have with other companies that store their names in the BellSouth CNAM database. This service requires the purchasing company to allow access to the names that are stored in their database by all other companies that contract with BST for the BST Calling Name Query Service (non-database owner version). Responses to queries will be returned by BST using TR 1188 standards.

**B. Basic Service Capabilities and Restrictions:** Included as parts of this service are the following items: STP translations required to route queries to the appropriate database (either as intermediate Global Translations alone or a combination of intermediate and final Global Translations); lookup of a TR 1188 formatted calling party name (fifteen character maximum) from the BST CNAM Database; formatting of a TR 1188 response message containing the necessary routing information and the appropriate response from the BST CNAM Database; STP translations required to route the response message to the querying end office. **Access to BST names must be on a reciprocal basis, i.e. in order for a CLEC to access the BST names, BST must be able to access the CLEC names.**

**C. How Does This Service Work:** The CLEC must have a Calling Name Database and an SS7 network capable of sending and receiving CNAM query/response SS7 messages in the TR1188 TCAP format. Queries are launched into the BST SS7 Network via SS7 links. (SS7 links are purchased through the SS7 Interconnection Tariffs.) Responses are returned via SS7 links. All CNAM queries and responses must be in the TR1188 format for both BST and the interconnecting CLEC. BST will provide access to all names stored within its CNAM Database and the CLEC must allow access to all names provided within its CNAM database.

**D. Feature Interaction:** All feature interaction is at switch level and is controlled by the CLEC switch.

### **2. Installation Intervals:**

Normal Installation Intervals YES\_\_\_ NO\_X\_\_\_  
Project Coordination Required YES\_X\_ NO\_\_\_

**Calling Name Query Service (Database Owner) (continued)**

**3. Service Inquiry & Ordering Guidelines:**

**A. Information required:** NPA/NXXs included in CLEC database, point codes for all involved offices, requested service and test dates, single point of contact, LATAs included in service area, signalling point CLLIs, point(s) of interconnection (SS7) into the BST SS7 Network, and point codes of all CLEC connecting STPs and SCPs.

**B. Source of Information:** Furnished by CLEC.

**C. Forms:** To be developed.

**4. Customer Education:**

**A. Availability of Material:** NA

**B. Training Availability:** NA

**C. How To Order:** NA





## 800 ACCESS TEN DIGIT SCREENING

<b>Description</b>	800 Access Ten Digit Screening (ATDS) service provides the information necessary for routing 800 originating calls based on the dialed ten digit 800 number except for 800 calls to Canada, Bermuda, and the Bahamas. Routing for 800 calls to these areas will be based on the first 6 digits of the dialed 800 number.		
<b>Application</b>	The routing information is retrieved through queries to the Service Control Point (SCP). Competitive Local Exchange Carriers (CLECs) with Signal Transfer Points (STPs) may access BellSouth's Regional STP for the launching of queries to BellSouth's Service Control. CLECs without STPs or without third party STPs, must send the calls to BellSouth's Access Tandem for call completion.		
<b>Access Order Requirements</b>	CLECs with their own STP or utilizing a third party STP must order SS7 links and ports to connect directly to BellSouth's Regional STP for SCP database query information. Refer to CCS-SS7 Signaling Connection for information concerning ordering links.		
<u>ASR</u> <u>Page Screen</u>	In addition to the ASR requirements outlined under CCS/SS7 Signaling Connection (LINKS), the following requirements apply to the ordering of 800 Ten Digit Screening:		
	(1)	REMARKS:	Enter "Access to 800 SCP" and the CLLI code of the CLEC Switch (ACSWITCH).
<u>Data Base</u> <u>Services</u> <u>Interconnection</u> <u>Form</u>	(1)	CSPS: (LINK)	Enter the STP point code(s). If a third party link provider is being used, the STP point code(s) of the link provider will be entered.
	(2)	ECCKT:	Enter the exchange company's circuit of the links.
	(3)	TSC:	Enter the TSC associated with the links.
	(4)	PSACT:	Enter "N" for new.
	(5)	CSPC:	Enter the switch point code(s).
	(6)	OFC TYPE:	Enter the office type of the switch originating the query.
	(7)	PC TYPE:	Enter the type of point code.

## **800 ACCESS TEN DIGIT SCREENING (continued)**

### **Intervals**

Intervals must be negotiated. Intervals for ordering access to the 800 SCP are typically ten (10) business days. If links are also being ordered, the due date will be ten days following completion of the links. The committed due date will be returned on the firm order confirmation.

### **Service Specific Billing**

A per query charge, to be billed to the CLEC, will be applicable for each query launched to the database. The charges are found in Section E6.8.4 of the Access Tariff.

In addition to the query charge, if 800 ten digit screening via connection to the 800 SCP is requested, the following charges will also be applicable:

NRBFA - Change of service (per request)

NRBFD - Common block/translations rearrangement (one per STP)



## **CLEC INFORMATIONAL PACKAGE DIRECTORY ASSISTANCE ACCESS SERVICE**

### **1. Service Description - Directory Assistance Access (DAAS)**

#### **A. Basic Service Features**

Via Directory Assistance (DA) Access, BellSouth will provide telephone listing information to facilities based CLEC (hereafter referred to as "customer") end users on behalf of the customer. While customers will have certain transport options concerning the method of connectivity to BellSouth's DA Locations, there are no optional network features directly associated with this service. Connectivity to BellSouth's DA Locations will be accomplished via a trunk group connecting the customer's Point of Interface (POI) and the BellSouth DA Location.

#### **B. Basic Service Capabilities and Restrictions**

DA Access will be provided via modified Feature Group C "traditional signaling." Customers will deliver end user DA calls to a BellSouth DA Location(s) via application specific interconnection trunks. Traffic types other than DA calls may not originate via these trunks. DA Plus is a part of the Basic DA Access Service offering. BellSouth will only provide those listings which reside in our Directory Assistance Database. Addresses provided via DA Access may not reflect the location of the phone.

- The basic DA Access Service offering does not include access to non-published listings. Reverse search capability is provided where BellSouth provides such service to its end user.

### **2. Installation Intervals**

#### **Normal Installation Intervals - No**

Facility based CLEC will order necessary End Office to TOPS dedicated trunking with or without branding. Non-Facility based CLECs ordering CLEC specific branding or unbranded Directory Assistance will order customized routing and the necessary Line Class Codes until a long term solution for customized routing is deployed. In addition, CLECs will identify End Office location(s) to TOPS trunking required to serve their end users. CLEC specific branding requires recording of CLEC name and loading of recording into audio units in the CLEC serving area.

#### **Project Coordination Required - Yes**

(for the initial period until Operator Services is satisfied that all systems meet the highest customer standards.

## **DIRECTORY ASSISTANCE ACCESS SERVICE (continued)**

### **3. Service Inquiry & Ordering Guidelines**

**A. Information required - ASR requirements are attached.**

**B. Source of Information**

Ordering Guidelines. CLEC Account Team(s). Operator Services contact (see Customer Education).

**C. Forms - ASR**

### **4. Customer Education**

**A. Availability of Material**

CLEC Account Team Training materials have been developed and distributed.

Updates will be made on an on-going basis to accommodate customer needs and any enhancements to the service. Further assistance is available directly with the BellSouth Operator Services contact:

Carol J. Olsen

Phone: 404-529-7367

Pager: 800-946-4646

PIN: 801.4789

**B. Training Availability**

CLEC Conferences have been scheduled by BellSouth. Operator Services will be represented.

**C. How to order - Forward completed ASR forms to LCSC.**

## **DIRECTORY ASSISTANCE ACCESS SERVICE (continued)**

### **ASR Ordering Requirements for Directory Assistance Access Service**

#### **TRUNK TYPE - DA w/o ANI**

- |             |   |   |
|-------------|---|---|
| (1) NC      | = | SH-J  |
| (2) TRFTYP  | = | DA  |
| (3) TTT     | = | 2   |
| (4) OPS     | = | N/A   |
| (5) SECLOC  | = | BST TOPS Tandem   |
| (6) BRAND   | = | Must be requested in remarks section until the "Brand" field is added to the ASR. This includes the phrase the CLEC wants on the recording. |
| (7) EML     | = | 6   |
| (8) TK SIG  | = | TS  |
| (9) REMARKS | = | Branding and branding recording where available   |



## **CLEC INFORMATIONAL PACKAGE**

### **DIRECTORY ASSISTANCE CALL COMPLETION (DACC) ACCESS**

#### **1. Service Description - Directory Assistance Call Completion (DACC)**

##### **A. Basic Service Features**

Directory Assistance Call Completion (DACC) Access will be offered to CLECs who also subscribe to DA Access Service. DACC will allow an CLEC end user's calls to BellSouth Directory Assistance to be automatically (i.e., without having to dial the number) completed after obtaining a directory listing number. Following provision of the DA listing, a standard announcement will advise the customer of an option to have the call completed automatically. While customers will have certain transport options concerning the method of connectivity to BellSouth's Operator Services System (OSS), there are no optional network features directly associated with this service.

##### **B. Basic Service Capabilities and Restrictions**

All local and intraLATA call completion attempts are routed over an intertoll trunk facility directly to the terminating end office that serves the designated number. An Automatic Message Accounting (AMA) record that included conversation time, originating, terminating and billing number details is made for each call completion attempt. This record is in addition to the record made of the Directory Assistance transaction.

DACC Access Service is available to CLECs subject to the following conditions:

- CLEC must subscribe to BellSouth Directory Assistance Service
- ANI must be available
- The requested listing must be a published number
- The number retrieved from the database must be intraLATA with respect to the originating number
- DACC Access Service is provided via mechanized means. No live Operator Assistance will be provided in conjunction with DACC.
- End users must indicate via keypad (DUAL Tone Multi-Frequency (DTMF) input that they desire call completion or the CLEC must agree that all intraLATA and local calls should attempt to complete.

DACC Access Service may be provided to a CLEC only if all the above conditions are met. NPAs 500, 700, 800, and 900 are not eligible for DACC Access Service. Certain NXXs are also excluded.



## **DIRECTORY ASSISTANCE CALL COMPLETION ACCESS (continued)**

The basic DACC Access Service offering does not include the following:

- Speech recognition
- Alternate Billing Capability
- Access from Public Access Telephones
- Detail Billing
- InterLATA Call Completion
- Retry or Starback
- Live Operator Access after selecting Call Completion
- Access from Class of Call Screened Line
- Access from Hotel/Motel or Cellular

### **C. Feature Interaction**

N/A

## **2. Installation Intervals**

Normal installation intervals - No

Facility based CLEC will order necessary End Office to TOPS dedicated trunking with or without branding.

Non-Facility based CLECs ordering CLEC specific branding or unbranded Directory Assistance Access will order Customized Routing and the necessary Line Class Codes. In addition CLECs will identify End Office location(s) to TOPS, trunking required to serve their end users. CLEC specific branding requires recording of the CLEC name and loading of the recording into audio units for the CLEC serving area.

Project coordination required - Yes

For the initial period until Operator Services is satisfied that all systems meet the highest customer service standards.

## **DIRECTORY ASSISTANCE CALL COMPLETION ACCESS** (continued)

### **3. Service Inquiry & Ordering Guidelines**

- A. Information Required - ASR requirements are attached.
- B. Source of Information  
Ordering Guidelines. CLEC Account Team. Operator Services contact (see Customer Education).
- C. Forms - ASR

### **4. Customer Education**

- A. Availability of Material  
CLEC Account Team Training materials have been developed and distributed. Updates will be made on an on-going basis to accommodate customer needs and any enhancements to the service. Further assistance is available directly with the BellSouth Operator Services contact:  
Carol J. Olsen  
Phone: 404-529-7367  
Pager: 800-946-4646  
PIN: 801.4789
- B. Training Availability  
CLEC Conferences have been scheduled. Operator Services will be represented.
- C. How to Order - Forward completed forms to LCSC.

## DIRECTORY ASSISTANCE CALL COMPLETION ACCESS (continued)

### ASR Ordering Requirements for Directory Assistance Call Completion Access

Access Order Requirements	<u>TRUNK TYPE - DA w/ANI (DACC)</u>	
	(1) NC	= SH-J
	(2) TRFTYP	= DC
	(3) TTT	= 2
	(4) OPS	= N/A
	(5) SECLOC	= BST TOPS Tandem
	(6) BRAND	= Must be requested in remarks section until the "Brand" field is added to the ASR. This includes the phrase the CLEC wants on the recording.
	(7) EML	= 6
	(8) TK SIG	= OA-OF
	(9) D.NPA/NXX	= Desired NPA/NXX
	(10) REMARKS	= Branding and branding recording where available



# **DIRECT ACCESS TO DIRECTORY ASSISTANCE SERVICE (DADAS) CLEC INFORMATIONAL PACKAGE**

## **1. Service Description**

### **A. - Basic Service Features**

DADAS provides a customer with direct access to BellSouth's Directory Assistance Listing Database, Directory Assistance Search Application, and Database Administration Call Control for the sole purpose of providing a traditional voice directory assistance service. Non published listings and listings that are requested to be omitted by BellSouth customers are not provided.

### **B. - Basic Service Capabilities and Restrictions**

DADAS provides the customer's operators with the ability to search all eligible BellSouth listings in its database using a BellSouth standard directory assistance (DA) search format. BellSouth will provide DADAS from its Directory Assistance (DA) location in Jackson, Mississippi. The customer is responsible for providing the physical links and facilities required to connect to the point of availability in Jackson, MS.. These facilities may be purchased from the Telephone Company as rates and charges billed separately from the charges associated with this service.

The customer is responsible for providing their own switch, operator workstations, audio subsystem (optional), and transport facilities. Minimum service period - 1 month.

### **C. - How Does This Service Work**

BellSouth's DADAS product provides to high volume customers an alternative to traditional Directory Assistance Service. DADAS permits direct access to BellSouth's Directory Assistance Listing Database, Directory Assistance Search Application, and Database Administration Call Control. To interface, the customer must provide its own switch, operator work stations, audio subsystem(optional), and transport facilitates. The customer will be able to search all available BellSouth subscriber listing records. Queries to the database will be answered using the standard DA service format. Non-published listings will not be available to the customer. DADAS will have the same functionalities as traditional Directory Assistance service. DADAS will be available to accept queries 24 hours a day, seven days and week and will be updated daily. DADAS will also provide the capability for connection of an optional customer-provided Audio Subsystem which will release automated messages and telephone numbers.

### **D. - Feature Interaction - (Not applicable)**

## **Direct Access to Directory Assistance Service (DADAS) (continued)**

### **2. Installation Intervals**

Normal Installation intervals	YES	<b>NO <u>X</u></b>
Project Coordination Required	<b>YES <u>X</u></b>	NO

### **3. Service Inquiry and Ordering Guidelines**

#### **A. - Information Required**

Ordering of the service is accomplished via Operator Services wholesale product management, ICS, Industry Relations account team, and the CLEC account team. No sales compensation is provided. The DADAS-ASR-like application will be prepared by Operator Services personnel and forwarded to the appropriate LCSC group to input the service order.

#### **B. - Source of Information**

Operator Services Product Management

#### **C. - Forms not required by CLEC.**

### **4. Customer Education**

#### **A. - Availability of Material - Not applicable**

#### **B. - Training Availability - Not Applicable**

#### **C. - How To Order**

The CLEC should contact their Account Team. The customer is responsible for providing their own switch, operator workstations, audio subsystem (optional), and transport facilities. The customer is responsible for providing the physical links and facilities required to connect to the point of availability. These facilities may be purchased from the Telephone Company as rates and charges billed separately from the charges associated with this service. The customer is responsible for providing their own switch, operator workstations, audio subsystem (optional), and transport facilities.



## **CLEC TEAM INFORMATIONAL PACKAGE INTERCEPT ACCESS**

### **1. Service Description**

#### **A. Basic Service Features**

Intercept Access Service refers calls from a disconnected or non-working number to the proper number. BellSouth will provide this service to CLEC end users on behalf of the CLEC. A database look-up is performed to retrieve the referral number. The referral number is provided to the calling party by a mechanized audio announcement.

#### **B. Basic Service Capabilities and Restrictions**

For Facility based CLECs, a separate, dedicated Intercept trunk facility to the TOPS switch is required for Intercept. Standard trunk signaling is used to send the intercepted number to the Number Services switch. The subscribing CLEC must provide updates to the intercept database to support the service. Initially, updates will be done via a manual process, but long term a mechanized update process will be deployed. Intercepted numbers will be available within 72 hours after being properly provided to the Intercept database. Intercept service is provided for 3 months.

Basic Intercept Access Service does not include the following:

- Custom Announcements
- Call Completion
- Detail Billing

For non-Facility based CLECs with unbundled ports, Intercept Services cannot be ordered without ordering an unbundled port.

### **2. Service Inquiry & Ordering Guidelines**

#### **A. Information Required - ASR requirements are included in this document**

#### **B. Source of Information**

Ordering Guidelines CLEC Account Team(s). Operator Services contact (see Customer Education).

#### **C. Forms - ASR**

#### **D. How to order - Forward completed ASR form to the LCSC.**



## **INTERCEPT ACCESS (continued)**

### **3. Customer Education**

#### **A. Availability of Material**

CLEC Account Team Training materials have been developed and distributed. Updates will be made on an on-going basis to accommodate customer needs and any enhancements to the service. Further assistance is available directly with the BellSouth Operator Services contact:

Carol J. Olsen  
Phone: 404-529-7367  
Pager: 800-946-4646  
PIN: 801.4789

#### **B. Training Availability**

CLEC Conferences have been scheduled by BellSouth. Operator Services will be represented.

## **ASR Ordering Requirements for Intercept Access**

### **TRUNK TYPE - INTERCEPT**

- |             |   |                    |
|-------------|---|--------------------|
| (1) NC      | = | SDYB or SBYB       |
| (2) TRFTYP  | = | IR                 |
| (3) TTT     | = | 2                  |
| (4) OPS     | = | N/A                |
| (5) SECLOC  | = | BST TOPS<br>Tandem |
| (6) BRAND   | = | N/A                |
| (7) EML     | = | 6                  |
| (8) TK SIG  | = | TS                 |
| (9) REMARKS | = |                    |